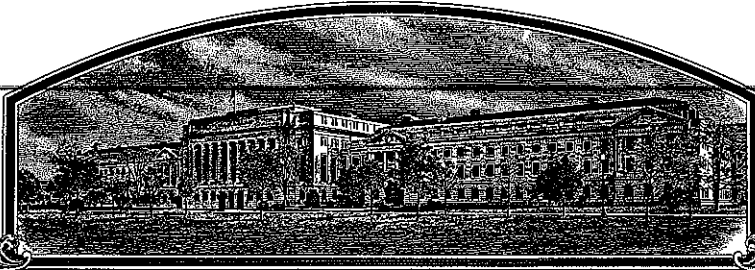


No.

200600011



THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

Pure-Seed Testing, Inc.

Whereas, THERE HAS BEEN PRESENTED TO THE

Secretary of Agriculture

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED DISTINCT VARIETY OF SEXUALLY REPRODUCED, OR TUBER PROPAGATED PLANT, THE NAME AND DESCRIPTION OF WHICH ARE CONTAINED IN THE APPLICATION AND EXHIBITS, A COPY OF WHICH IS HEREUNTO ANNEXED AND MADE A PART HEREOF, AND THE VARIOUS REQUIREMENTS OF LAW IN SUCH CASES MADE AND PROVIDED HAVE BEEN COMPLIED WITH, AND THE TITLE THERETO IS, FROM THE RECORDS OF THE PLANT VARIETY PROTECTION OFFICE, IN THE APPLICANT(S) INDICATED IN THE SAID COPY, AND WHEREAS, UPON DUE EXAMINATION MADE, THE SAID APPLICANT(S) IS (ARE) ADJUDGED TO BE ENTITLED TO A CERTIFICATE OF PLANT VARIETY PROTECTION UNDER THE LAW.

NOW, THEREFORE, THIS CERTIFICATE OF PLANT VARIETY PROTECTION IS TO GRANT UNTO THE SAID APPLICANT(S) AND THE SUCCESSORS, HEIRS OR ASSIGNS OF THE SAID APPLICANT(S) FOR THE TERM OF TWENTY YEARS FROM THE DATE OF THIS GRANT, SUBJECT TO THE PAYMENT OF THE REQUIRED FEES AND PERIODIC REPLENISHMENT OF VIABLE BASIC SEED OF THE VARIETY IN A PUBLIC REPOSITORY AS PROVIDED BY LAW, THE RIGHT TO EXCLUDE OTHERS FROM SELLING THE VARIETY, OR OFFERING IT FOR SALE, OR REPRODUCING IT, OR OFFERING IT, OR EXPORTING IT, OR CONDITIONING IT FOR PROPAGATION, OR STOCKING IT FOR ANY OF THE FOREGOING PURPOSES, OR USING IT IN PRODUCING A HYBRID OR DIFFERENT VARIETY THEREFROM, TO THE EXTENT PROVIDED BY THE PLANT VARIETY PROTECTION ACT. (84 STAT. 1542, AS AMENDED, 7 U.S.C. 2321 ET SEQ.)

FESCUE, RED

'Seabreeze GT'

In Testimony Whereof, I have hereunto set my hand and caused the seal of the Plant Variety Protection Office to be affixed at the City of Washington, D.C. this twenty-ninth day of November, in the year two thousand and seven.

Attest:

Commissioner
Plant Variety Protection Office
Agricultural Marketing Service

Secretary of Agriculture

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE

The following statements are made in accordance with the Privacy Act of 1974 (5 U.S.C. 552a) and the Paperwork Reduction Act (PRA) of 1995.

SCIENCE AND TECHNOLOGY - PLANT VARIETY PROTECTION OFFICE

Application is required in order to determine if a plant variety protection certificate is to be issued (7 U.S.C. 2421). Information is held confidential until certificate is issued (7 U.S.C. 2426).

APPLICATION FOR PLANT VARIETY PROTECTION CERTIFICATE
(Instructions and information collection burden statement on reverse)


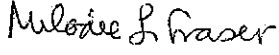
1. NAME OF OWNER Pure-Seed Testing, Inc.		2. TEMPORARY DESIGNATION OR EXPERIMENTAL NAME PST-4SU		3. VARIETY NAME Seabreeze GT	
4. ADDRESS (Street and No., or RFD No., City, State, and ZIP Code, and Country) P.O. Box 449 Hubbard, OR 97032		5. TELEPHONE (include area code) (503) 263-0719		FOR OFFICIAL USE ONLY 200600011	
		6. FAX (include area code) (503) 263-0703		FILING DATE 10/21/2005	
7. IF THE OWNER NAMED IS NOT A "PERSON", GIVE FORM OF ORGANIZATION (corporation, partnership, association, etc.) Corporation		8. IF INCORPORATED, GIVE STATE OF INCORPORATION Oregon		9. DATE OF INCORPORATION 3 June 1974	
10. NAME AND ADDRESS OF OWNER REPRESENTATIVE(S) TO SERVE IN THIS APPLICATION. (First person listed will receive all papers)				FILING AND EXAMINATION FEES: \$ 3,562.00 DATE 10/21/2005 CERTIFICATION FEE: \$ 768.00 DATE 10/26/2007	
11. TELEPHONE (Include area code) (919) 556-0146		12. FAX (Include area code) (919) 556-0174		13. E-MAIL mlkfraser@aol.com	
				14. CROP KIND (Common Name) Slender Creeping Red Fescue	
18. CHECK APPROPRIATE BOX FOR EACH ATTACHMENT SUBMITTED (Follow instructions on reverse)			19. DOES THE OWNER SPECIFY THAT SEED OF THIS VARIETY BE SOLD AS A CLASS OF CERTIFIED SEED? See Section 83(a) of the Plant Variety Protection Act) <input type="checkbox"/> YES (If "yes," answer items 20 and 21 below) <input checked="" type="checkbox"/> NO (If "no," go to item 22)		
a. <input checked="" type="checkbox"/> Exhibit A. Origin and Breeding History of the Variety			20. DOES THE OWNER SPECIFY THAT SEED OF THIS VARIETY BE LIMITED AS TO NUMBER OF CLASSES? IF YES, WHICH CLASSES? <input type="checkbox"/> FOUNDATION <input type="checkbox"/> REGISTERED <input type="checkbox"/> CERTIFIED		
b. <input checked="" type="checkbox"/> Exhibit B. Statement of Distinctness					
c. <input checked="" type="checkbox"/> Exhibit C. Objective Description of Variety					
d. <input checked="" type="checkbox"/> Exhibit D. Additional Description of the Variety (Optional)					
e. <input checked="" type="checkbox"/> Exhibit E. Statement of the Basis of the Owner's Ownership			21. DOES THE OWNER SPECIFY THAT THE CLASSES BE LIMITED AS TO NUMBER OF GENERATIONS? IF YES, SPECIFY THE NUMBER 1, 2, 3, etc. <input type="checkbox"/> FOUNDATION <input type="checkbox"/> REGISTERED <input type="checkbox"/> CERTIFIED		
f. <input checked="" type="checkbox"/> Voucher Sample (2,500 viable untreated seeds or, for tuber propagated varieties, verification that tissue culture will be deposited and maintained in an approved public repository)					
g. <input checked="" type="checkbox"/> Filing and Examination fee (\$2,705), made payable to "Treasurer of the United States" (Mail to the Plant Variety Protection Office)			(If additional explanation is necessary, please use the space indicated on the reverse.)		
22. HAS THE VARIETY (INCLUDING ANY HARVESTED MATERIAL) OR A HYBRID PRODUCED FROM THIS VARIETY BEEN SOLD, DISPOSED OF, TRANSFERRED, OR USED IN THE U.S. OR OTHER COUNTRIES? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO IF YES, YOU MUST PROVIDE THE DATE OF FIRST SALE, DISPOSITION, TRANSFER, OR USE FOR EACH COUNTRY AND THE CIRCUMSTANCES. (Please use space indicated on reverse.)			23. IS THE VARIETY OR ANY COMPONENT OF THE VARIETY PROTECTED BY INTELLECTUAL PROPERTY RIGHT (PLANT BREEDER'S RIGHT OR PATENT)? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO IF YES, GIVE COUNTRY, DATE OF FILING OR ISSUANCE AND ASSIGNED REFERENCE NUMBER. (Please use space indicated on reverse.)		
24. The owners declare that a viable sample of basic seed of the variety will be furnished with application and will be replenished upon request in accordance with such regulations as may be applicable, or for a tuber propagated variety a tissue will be deposited in a public repository and maintained for the duration of the certificate. The undersigned owner(s) is(are) the owner of this sexually reproduced or tuber propagated plant variety, and believe(s) that the variety is new, distinct, uniform, and stable as required in Section 42, and is entitled to protection under the provisions of Section 42 of the Plant Variety Protection Act. Owner(s) is(are) informed that false representation herein can jeopardize protection and result in penalties.					
SIGNATURE OF OWNER 			SIGNATURE OF OWNER 		
NAME (Please print or type) Crystal Rose-Fricker			NAME (Please print or type) Melodee L. Fraser		
CAPACITY OR TITLE President		DATE 10/11/05		CAPACITY OR TITLE Director of Research-East	
				DATE 10/11/05	

Exhibit A**Origin and Breeding History of 'Seabreeze GT' Slender Creeping Red Fescue**

'Seabreeze GT' was developed by Pure-Seed Testing, Inc., Hubbard, OR, as part of a breeding project to improve the turf performance characteristics, seed yield and glyphosate tolerance of 'Seabreeze' slender creeping red fescue. This project was begun in 1997.

During the spring of 1997, 20 slender creeping red fescue plants were selected from spaced-plant nurseries near Hubbard. These plants had early maturity, dark green color and a high number of reproductive tillers. Twelve of these plants were from Seabreeze and eight were from plant collections from Europe. These 20 plants were transplanted prior to anthesis into an isolated polycross, designated 4S3E, and were allowed to interpollinate. Seed was subsequently harvested from 18 plants with high floret fertility during the summer of 1997.

Seed from this harvest was used to establish an isolated 3000-plant nursery near Hubbard during the fall of 1997. During the spring of 1998, this nursery was damaged by the herbicide diuron. Forty-two attractive plants that survived the herbicide damage and had a high number of reproductive tillers were selected from this nursery and transplanted to an isolated polycross, designated 4S3E-98, near Hubbard. These plants interpollinated and seed was subsequently harvested from 38 plants with high floret fertility during the summer of 1998. These 38 plants were each divided vegetatively into 20 propagules. The propagules were used to establish an isolated clonal nursery near Hubbard during the fall of 1998.

During the spring of 2000, eight superior plants with high seed yield potential were selected from this clonal nursery and transplanted, along with 11 Seabreeze plants selected for high seed yield potential, into an isolated polycross near Hubbard. These 19 plants, designated 4S2, interpollinated and seed was subsequently harvested from each plant during the summer of 2000.

Also during the spring of 2000, slender creeping red fescue nurseries near Hubbard were sprayed with 16 oz/A glyphosate. Seven plants that survived with no herbicide damage and had a high number of reproductive tillers were selected and transplanted into an isolated polycross designated 4SU. Four of these plants were from Seabreeze and three were from a plant collected in the Czech Republic. These plants interpollinated and seed was subsequently harvested from each plant during the summer of 2000.

Seed harvested from the 4S2 and 4SU crossing blocks were used to establish an isolated 2450-plant nursery (1800 plants from 4S2 and 650 from 4SU) near Hubbard during the fall of 2000. Glyphosate was applied to this nursery on 9 May 2001 at a rate of 8 oz/A and on 22 Mar 2002 at 16 oz/A. Seed was harvested from 401 plants (191 from 4SU and 210 from 4S2) undamaged by the herbicide and exhibiting high seed yield potential in the summer of 2002. Seed harvested from the 4SU survivors was bulked together, while the seed from the 4S2 survivors was bulked separately.

The 4SU plants from which seed was harvested traced their maternal origins to the following sources: 52% to Seabreeze and 48% to a plant collected at Mala Ida Cemetery, Czech Republic. The 4S2 survivors traced their maternal origins to these sources: 80% to Seabreeze; 16% to a plant collected at Porthagwarn-Gwennaphead, Great Britain and 4% to a plant collected at Fortunewells, Great Britain.

The seed of 4S2 and 4SU were used to establish a 3500-plant isolated nursery near Hubbard during the fall of 2002. In this nursery, 900 plants of 4S2 were planted adjacent to 2600 plants of 4SU. This nursery was sprayed with 16 oz/A glyphosate on 14 Feb 2003. Attractive plants with no herbicide damage and high seed yield potential were allowed to interpollinate during the spring of 2003. Breeder seed of Seabreeze GT was harvested from 929 plants with high floret fertility in the 4SU section of this nursery during the summer of 2003.

Seed production of Seabreeze GT is limited to three generations of increase from Breeder seed: one each of Foundation, Registered and Certified. Pure-Seed Testing, Inc. maintains Breeder seed in Oregon and will re-generate breeder seed as is needed. Seabreeze GT has been stable and uniform through the Certified seed generation. No variants have been observed in the production or multiplication of Seabreeze GT slender creeping red fescue.

Exhibit B**Statement of Distinctness for 'Seabreeze GT' Slender Creeping Red Fescue**

'Seabreeze GT' is most similar to 'Seabreeze' slender creeping red fescue. They differ in the following characteristics:

1. Seabreeze GT has a mean initial heading date at least 4 days later than Seabreeze (Table 1).
2. Seabreeze GT has a mean mature plant height at least 3.2 cm taller than Seabreeze (Tables 2, 3).
3. Seabreeze GT has a mean flag leaf width at least 0.2 mm narrower than Seabreeze (Tables 2, 4, 5).
4. Seabreeze GT has a mean tiller leaf width at least 0.4 mm narrower than Seabreeze (Tables 2, 5).
5. Seabreeze GT has a mean flag leaf length at least 1 cm shorter than Seabreeze (Tables 4, 5).

Table 1. Mean initial heading dates for entries in a fine fescue spaced-plant trial planted fall of 2003 near Hubbard, OR.

Entry	2004	2005
Dawson	03 April	13 April
Seabreeze GT	31 March	04 April
Seabreeze	27 March	30 March
LSD (0.05)	3 days	4 days

Table 2. 2005 mean morphological measurements for entries in a fine fescue spaced-plant trial planted fall of 2003 near Hubbard, OR.

Entry	Plant Height (cm)	Panicle Length (cm)	Top Flag Leaf Height (cm)	Flag Leaf Width (mm)	Tiller Leaf Length (cm)	Tiller Leaf Width (mm)	Tiller Count (#/100 cm ²)
Seabreeze GT	73.9	12.2	36.8	0.9	9.3	0.8	361.9
Dawson	73.0	12.0	36.1	1.1	8.9	1.0	371.3
Seabreeze	70.7	11.2	35.2	1.2	9.3	1.2	454.4
LSD (0.05)	2.9	0.7	2.4	0.2	0.7	0.2	112.2

Table 3. 2005 mean mature plant heights for entries in a fine fescue seed yield trial seeded fall of 2003 near Hubbard, OR.

Entry	Plant Height (cm)
Seabreeze GT	83.3
Seabreeze	78.7
LSD (0.05)	4.0

Table 4. 2005 mean morphological measurements for entries in a fine fescue seed yield trial seeded fall of 2004 near Hubbard, OR.

Entry	Panicle Length (cm)	Top Flag Leaf Height (cm)	Flag Leaf Length (cm)	Flag Leaf Width (mm)	Tiller Leaf Length (cm)
Seabreeze	11.8	38.6	7.9	1.2	8.2
Seabreeze GT	11.4	39.0	6.9	1.0	7.7
LSD (0.05)	0.7	2.4	0.7	0.1	0.6

Table 5. 2004 mean morphological measurements for entries in a fine fescue seed yield trial seeded fall of 2003 near Hubbard, OR.

Entry	Flag Leaf Length (cm)	Flag Leaf Width (mm)	Tiller Leaf Width (mm)
Seabreeze	8.4	2.6	3.1
Seabreeze GT	6.3	1.7	2.2
LSD (0.05)	0.8	0.3	0.2

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this collection of information is (0581-0055). The time required to complete this information collection is estimated to average 30 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

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**U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
SCIENCE AND TECHNOLOGY PROGRAM
PLANT VARIETY PROTECTION OFFICE
BELTSVILLE, MD 20705**

EXHIBIT C

**OBJECTIVE DESCRIPTION OF VARIETY
FINE LEAVED FESCUES (*Festuca* spp.)**

NAME OF APPLICANT(S) Pure Seed Testing, Inc.	TEMPORARY DESIGNATION PST-4SU	VARIETY NAME Seabreeze GT
ADDRESS (Street and No., or R.F.D. No., City, State, and ZIP Code) PO Box 449 Hubbard, OR 97032		FOR OFFICIAL USE ONLY PVPO NUMBER 200600011

PLEASE READ ALL INSTRUCTIONS CAREFULLY:

Place the appropriate number that describes the varietal characteristics of this variety in the boxes below. Use leading zeroes when necessary (e.g., or). Characteristics described, including numerical measurements, should represent those that are typical for the variety. Measured data should be for SPACE PLANTS. Royal Horticultural Society or any recognized color fan may be used to determine plant colors; designate system used: Hubbard, OR; 75 plants/cultivar/trial measured at maturity. Describe location of the test area, conditions and number of plants used: Hubbard, OR; 75 plants/cultivar/trial measured at maturity.

- SPECIES: (With companion varieties for use below – use varieties within species of application variety)

<input type="text" value="2"/> 1 = <i>F. rubra</i> ssp. <i>commutata</i> (Chewings)	11 = Cascade	12 = Highlight	13 = Jamestown
2 = <i>F. rubra</i> ssp. <i>litoralis</i> (Creeping Red)	14 = Banner	15 = Barfalla	23 = Merlin
3 = <i>F. rubra</i> ssp. <i>rubra</i> (Spreading Red)	21 = Dawson	22 = Starlight	25 = Seabreeze
4 = <i>F. ovina</i> (Sheep)	24 = Pennlawn	32 = Ruby	33 = Fortress
5 = <i>F. longifolia</i> (Hard)	31 = Boreal	34 = Ensylva	
6 = <i>F. tenuifolia</i> (Fine-Leaved Sheep)	41 = Covar	51 = Durar	52 = Biljart (C-26)
7 = Other (Specify)		61 = Panda	62 = Barok
			53 = Scaldis
- CYTOLOGY:

<input type="text" value="4"/> <input type="text" value="2"/> Chromosome Number	<input type="text" value="3"/> Ploidy	1 = diploid	2 = tetraploid	3 = hexaploid	4 = octoploid
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- ADAPTATION: (0 = Not Tested; 1 = Not Adapted; 2 = Adapted)

<input type="text" value="2"/> Northeast	<input type="text" value="1"/> Southeast	<input type="text" value="2"/> North Central	<input type="text" value="2"/> Pacific N.W.
<input type="text"/> Other (Specify) : _____			
- MATURITY: Date First Headed (panicle emergence) Location(s) of Trial(s) **Hubbard, OR**

<input type="text" value="2"/> Maturity Class:	
1 = Very Early (Covar)	2 = Early (Highlight)
4 = Medium Late (Cascade, Ruby)	5 = Late (Jamestown, Agram)
	3 = Medium Early (Boreal, Dawson)
	6 = Very Late

Date Headed **31 Mar – 04 Apr (Table 1)**

4. MATURITY: (continued)

<input type="text" value="0"/> <input type="text" value="4"/>	Days earlier than	<input type="text" value="2"/> <input type="text" value="1"/>	} Comparison Variety	200600011
	Maturity same as	<input type="text" value=""/> <input type="text" value=""/>		
<input type="text" value=""/> <input type="text" value=""/>	Days later than	<input type="text" value=""/> <input type="text" value=""/>		

5. PLANT HEIGHT: (At maturity; to top of panicle; average of 10 tallest culms)

<input type="text" value="7"/> <input type="text" value="0"/> <input type="text" value="7"/>	mm Height		} Comparison Variety
<input type="text" value="0"/> <input type="text" value="2"/> <input type="text" value="3"/>	mm shorter than	<input type="text" value="2"/> <input type="text" value="1"/>	
	Height same as	<input type="text" value=""/> <input type="text" value=""/>	
<input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/>	mm Taller than	<input type="text" value=""/> <input type="text" value=""/>	

6. GROWTH HABIT:

<input type="text" value="2"/>	1 = Erect (Ruby)	2 = Semi-erect (Highlight)	3 = Prostrate (Silvana)
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7. RHIZOMES:

<input type="text" value="1"/> <input type="text" value="0"/> <input type="text" value="8"/>	mm Length	<input type="text" value="1"/> <input type="text" value="4"/>	mm Width	<input type="text" value="2"/> <input type="text" value="3"/>	mm Internode length
<input type="text" value="2"/>	1 = Absent			2 = Weakly Creeping (Dawson)	
	3 = Strongly Creeping (Boreal)			4 = Very Strongly Creeping (Boreal)	

8. LEAF BLADE:

<input type="text" value="3"/>	Color:	1 = Light Green (Starlight)	2 = Medium Light Green (Highlight)	3 = Medium Dark Green (Ruby, Agram)
		4 = Dark Green (Jamestown, Manoir)	5 = Bluegreen (Saphir)	6 = Graygreen (Scaldis)
		7 = Other (Specify):		

<input type="text" value="1"/>	Glaucosity (Sowing Year):	1 = Absent	2 = Present (Vendome)
<input type="text" value="2"/>	Anthocyanin;	1 = Absent	2 = Present
	Hairs (Basal):	<input type="text" value="1"/>	1 = Absent 2 = Present
<input type="text" value="2"/>	Margins:	1 = Smooth	2 = Semi-rough 3 = Rough
<input type="text" value="2"/>	Margin folding (closure):	1 = Rolled inward (closed-Highlight)	2 = Flat (open) (cf: 9/2007/11)
<input type="text" value="3"/>	Width class:	1 = Very fine (Agram, Frida)	2 = Fine (Jamestown, Highlight, Banner, Dawson)
		3 = Medium Fine (Fortress, Ruby, Scaldis)	4 = Medium Coarse (Engina)

<input type="text" value="0"/> <input type="text" value="6"/> <input type="text" value="9"/>	mm Length (flag leaf)		} Comparison Variety
<input type="text" value=""/> <input type="text" value=""/>	mm Shorter than	<input type="text" value=""/> <input type="text" value=""/>	
	Blade length same as	<input type="text" value="2"/> <input type="text" value="1"/>	
<input type="text" value=""/> <input type="text" value=""/>	mm Longer than	<input type="text" value=""/> <input type="text" value=""/>	} Comparison Variety
<input type="text" value="1"/> <input type="text" value="2"/> <input type="text" value="0"/>	mm Width (flag leaf)		
<input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/>	mm Narrower than	<input type="text" value=""/> <input type="text" value=""/>	
	Blade width same as	<input type="text" value="2"/> <input type="text" value="1"/>	} Comparison Variety
<input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/>	mm Wider than	<input type="text" value=""/> <input type="text" value=""/>	

9. LEAF SHEATH:

<input type="text" value="2"/>	Anthocyanin (seedling):	1 = Absent (Highlight)	2 = Present (Jamestown, Fortress, Marga)
<input type="text" value="1"/>	Auricle Hairiness:	1 = Absent	2 = Present
<input type="text" value="1"/>	Margins:	1 = Open (Highlight)	2 = Closed (Jamestown)

11. PALEA:
- | | | | |
|--|------------------------------|---|----------------------------------|
| <div style="border: 1px solid black; padding: 2px; display: inline-block; width: 20px; height: 20px; text-align: center; line-height: 20px;">2</div> | Hairs (On keels or margins): | 1 = Absent (Banner) | 2 = Short (Agram, Scaldis, Olds) |
| | | 3 = Long (Rainier, Fortress, Jamestown) | |

12. **LEMMA: (Mature)**

2

Hairs: 1 = Absent (Jamestown) 2 = Several 3 = Many (Highlight)

- | | | | |
|--|---------------------------------------|-------------------------------------|----------------------|
| <div><div>0</div><div>5</div></div> | mm Lemma Length | | |
| <div><div>0.</div><div>7</div></div> | mm Shorter than | <div><div>2</div><div>5</div></div> | } Comparison Variety |
| | Lemma length same as | <div><div></div><div></div></div> | |
| <div><div></div><div></div></div> | mm Longer than | <div><div></div><div></div></div> | |
| <div><div></div><div></div><div></div></div> | mm Lemma Width | | |
| <div><div></div><div></div><div></div></div> | mm Narrower than | <div><div></div><div></div></div> | } Comparison Variety |
| | Lemma width same as | <div><div></div><div></div></div> | |
| <div><div></div><div></div><div></div></div> | mm Wider than | <div><div></div><div></div></div> | |
| <div><div>2</div></div> | Awns: 1 = Absent | 2 = Present | |
| <div><div>1.</div><div>2</div></div> | mm Awn Length | | |
| <div><div></div><div></div></div> | mm Shorter than | <div><div></div><div></div></div> | } Comparison Variety |
| | Awn length same as | <div><div></div><div></div></div> | |
| <div><div>0.</div><div>2</div></div> | mm Longer than | <div><div>2</div><div>5</div></div> | |

3. SEED (With lemma and palea):
- | 3 | Size Class (g/1000 seed): |
|---|------------------------------------|
| 1 | [< 0-.9g] (Biljart, Dawson) |
| 2 | [0.9-<1.1g] (Jamestown, Highlight) |
| 3 | [1.1 - 1.3g] (Fortress, Novorubra) |
| 4 | [>1.3g] (Boreal, Golfrood) |

- | | | | | | | | |
|---------------------------|---|---|---|----------------------------------|---|---|----------------------|
| 1 | 2 | 3 | 9 | mg per 1000 seed | | | } Comparison Variety |
| | | | | mg per 1000 seed less than | | | |
| Seed Weight same as | | | | | | | |
| 0 | 0 | 6 | 1 | mg per 1000 seed more than | 2 | 5 | |

14. DISEASE, INSECT, AND NEMATODE REACTION: (0 = Not Tested, 1 = Susceptible, 2 = Resistant) **200600011**

- | | |
|--|--|
| <input checked="" type="checkbox"/> 2 Melting-out (<i>Drechslera poa</i>) (<i>Helminthosporium vagans</i>) | <input type="checkbox"/> 0 Stripe Rust (<i>P. striiformis</i>) |
| <input checked="" type="checkbox"/> 2 Leaf Spot (<i>D. siccans</i>) | <input type="checkbox"/> 0 Leaf Rust (<i>P. poae-nemoralis</i>) |
| <input checked="" type="checkbox"/> 2 Net Blotch (<i>D. dictyoides</i>) | <input checked="" type="checkbox"/> 2 <i>P. crandallii</i> #200600011 |
| <input type="checkbox"/> 0 Leaf Spot (<i>Bipolaris sorokiniana</i>) | <input type="checkbox"/> 1 Pythium Blight (<i>Pythum ultimum</i>) |
| <input checked="" type="checkbox"/> 2 Brown Patch (<i>Rhizoctonia solani</i>) | <input checked="" type="checkbox"/> 2 Red Thread (<i>Corticium fusciforme</i>) |
| <input checked="" type="checkbox"/> 2 Powdery Mildew (<i>Erysiphe graminis</i>) | <input checked="" type="checkbox"/> 2 Dollar Spot (<i>Sclerotinia homoeocarpa</i>) |
| <input type="checkbox"/> 0 Stripe Smut (<i>Ustilago striiformis</i>) | <input type="checkbox"/> Insect _____ |
| <input type="checkbox"/> 0 F. Patch, Pink snow-mold (<i>Fusarium nivale</i>) | <input type="checkbox"/> Nematode _____ |
| <input type="checkbox"/> 0 Fusarium Blight (<i>F. trincinctum</i> , <i>F. roseum</i>) | <input type="checkbox"/> Other _____ |
| <input type="checkbox"/> 0 Gray Snow Mold (<i>Typhula lotana</i>) | <input type="checkbox"/> Other _____ |
| <input checked="" type="checkbox"/> 2 Stem Rust (<i>Puccinia graminis</i>) | <input type="checkbox"/> Other _____ |

15. GIVE VARIETY OR VARIETIES THAT MOST CLOSELY RESEMBLE THE APPLICATION VARIETY. For the following characteristics indicate the Degree of Resemblance by placing the column marked D.R. with one of the following numbers:

1 = Application variety is less than comparison variety 2 = Same as 3 = More than, better, greater, darker, more disease resistant, etc.

CHARACTER	VARIETY	D.R.	CHARACTER	VARIETY	D.R.
Rhizome Length	Seabreeze	2	Growth Habit	Seabreeze	
Leaf Width	Seabreeze	1	Leaf Color	Seabreeze	3
Panicle Color	Seabreeze		Panicle Shape	Seabreeze	
Winter Color	Seabreeze	3	Cold Injury	Seabreeze	3
Shade Tolerance	Seabreeze	3	Heat	Seabreeze	3
Drought	Seabreeze	2	Disease*		

* Specify each disease evaluated.

16. ADDITIONAL DESCRIPTION: (Use additional sheets as required)

Describe all characteristics that cannot be adequately described in the form above in Exhibit D. Comparative varieties should be used as may be appropriate, such as for disease. Append all comparative trial and evaluation data, including measured characters, environmental, and disease tests.

Exhibit D**Additional Description of 'Seabreeze GT' Slender Creeping Red Fescue**

1. Seabreeze GT has exhibited high salt tolerance by high seed germination at 7,000 ppm NaCl (Table 6) and whole plant survival at 10,000 ppm NaCl (Tables 7, 8).
2. Seabreeze GT has exhibited tolerance to low rates of glyphosate (Table 9).
3. Seabreeze GT has exhibited good shade tolerance (Table 10).
4. Seabreeze GT has shown good turf quality in trials in Oregon (Tables 11 and 12) and Holland (Table 13 and 14).

Table 6. Mean germination rates for entries in a fine fescue laboratory trial in which seeds were germinated in 0 and 7000 ppm NaCl.

Entry	21 Days		
	0 NaCl % germ	7000 ppm NaCl	
		% germ	% of control
Seabreeze GT	88.5	85.5	96.6
Dawson	71.0	61.0	86.3
Seabreeze	76.0	10.0	13.2
LSD (0.05)	7.5	7.6	11.7

Table 7. Mean percentage of survival after 12 weeks for fine fescues placed in a greenhouse salt bath at 10,000 ppm NaCl on 14 June 2004.

Entry	% survival
Seabreeze GT	94.9
Dawson E	87.2
Seabreeze	72.9
LSD (0.05)	16.0

Table 8. Mean percentage of survival after 12 weeks for fine fescues placed in a greenhouse salt bath at 10,000 ppm NaCl on 28 September 2004.

Entry	% survival
Seabreeze GT	99.3
Seabreeze	91.8
Dawson E	91.2
LSD (0.05)	27.2

Table 9. Mean percent herbicide damage ratings for entries in a turf trial seeded fall of 2003 and sprayed with various rates of Razor™ herbicide.

Entry	8 oz/A
	22 Mar 04
	3 WAT*
PST-4CU3	3.0
PST-4BU3	5.0
PST-5KU	6.5
Seabreeze GT	8.5
Pure Gold	9.0
Quicksilver	9.0
Aurora Gold	10.0
Matador GT	13.5
Tomahawk GT	20.0
PST-4CH3	20.0
Seabreeze	22.0
Florentine GT	38.5
Coronado Gold	45.0
Quickstart	50.0
Discovery	55.0
Bighorn	55.0
Tiffany	70.0
Shademaster II	75.0

*WAT = weeks after treatment

Table 10. 2005 mean turf quality ratings for entries in a fine fescue shade turf trial seeded fall of 2003 near Hubbard, OR.

Entry	Mean
Seabreeze	5.4 ¹
Seabreeze GT	5.3
Dawson E	4.6
LSD (0.05)	1.7

¹9 = ideal

Table 11. Mean turf quality ratings for entries in a fine fescue turf trial seeded fall of 2003 near Hubbard, OR.

Entry	2004	2005	Mean
Seabreeze	5.8 ¹	5.4	5.6
Seabreeze GT	5.7	5.3	5.5
Dawson E	4.6	5.2	4.9
LSD (0.05)	0.8	0.8	0.7

¹9 = ideal

Table 12. 2005 mean turf quality ratings for entries in a fine fescue turf trial seeded fall of 2004 near Hubbard, OR.

Entry	Mean
Seabreeze GT	5.6¹
Seabreeze	5.3
LSD (0.05)	1.0

¹9 = ideal

Table 13. 2003-2004 mean and Spring 2005 turf quality ratings for entries in an unreplicated fine fescue turf trial seeded fall of 2002 at den Haan Farm, Bergen op zoom, Holland.

Entry	03-04 Mean	2005 Spring
Zamboni	5.4 ¹	5.8
Seabreeze GT	5.9	5.5
Seabreeze	4.2	3.5
LSD (0.05)	1.0	1.4

¹9 = ideal

Table 14. 2004 mean and Spring 2005 turf quality ratings for entries in a fine fescue turf trial seeded fall of 2003 at den Haan Farm, Bergen op zoom, Holland.

Entry	2004 Mean	2005 Spring
Zamboni	5.8 ¹	5.7
Barcrown	4.9	5.7
Barskol	6.9	5.3
Seabreeze GT	5.9	5.0
Seabreeze	5.8	3.8
LSD (0.05)	1.2	1.8

¹9 = ideal

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE**EXHIBIT E**
STATEMENT OF THE BASIS OF OWNERSHIP*The following statements are made in accordance with the Privacy Act of 1974 (5 U.S.C.652a) and the Paperwork Reduction Act (PRA) of 1995.**Application is required in order to determine if a plant variety protection certificate is to be issued (7 U.S.C. 2421). Information is held confidential until certificate is issued (7 U.S.C. 2426).*

1. NAME OF APPLICANT(S)

Pure-Seed Testing, Inc.2. TEMPORARY DESIGNATION
OR EXPERIMENTAL NUMBER**PST-4SU**

3. VARIETY NAME

Seabreeze GT

4. ADDRESS (Street and No., or R.F.D. No., City, State, and ZIP Code, and Country)

**PO Box 449
Hubbard, OR 97032**5. TELEPHONE
(include area code)**503-263-0719**

6. FAX (include area code)

503-263-0703

7. PVPO NUMBER

#2006000118. Does the applicant own all rights to the variety? Mark an "X" in appropriate block. If no, please explain. ☒ YES ☐ NO9. Is the applicant (individual or company) a U.S. national or U.S. based company?
If no, give name of country _____☒ YES ☐ NO10. Is the applicant the original owner? ☒ YES ☐ NO *If no, please answer the following:*

a. If original rights to variety were owned by individual(s), is (are the original owner(s) a U.S. national(s)?

☐ YES ☐ NO *If no, give name of country* _____

b. If original rights to variety were owned by a company, is the original owner(s) a U.S. based company?

☐ YES ☐ NO *If no, give name of country* _____

11. Additional explanation on ownership (if needed, use reverse for extra space):

Pure-Seed Testing, Inc. has licensed Seabreeze GT to Turf-Seed, Inc.**PLEASE NOTE:**

Plant variety protection can be afforded only to owners (now licensees) who meet one of the following criteria:

1. If the rights to the variety are owned by the original breeder, that person must be a U.S. national, national of a UPOV member country, or national of a country which affords similar protection to nationals of the U.S. for the same genus and species.
2. If the rights to the variety are owned by the company which employed the original breeder(s), the company must be U.S. based, owned by nationals of a UPOV member country, or owned by nationals of a country which affords similar protection to nationals of the U.S. for the same genus and species.
3. If the applicant is an owner who is not the original breeder, both the original breeder and the applicant must meet one of the above criteria.

The original breeder may be the individual or company who directed final breeding. See Section 41(a)(2) of the Plant Variety Protection Act for definition.

According to the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0581-0055. The time required to complete this information collection is estimated to average 10 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

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To file a complaint of discrimination, write USDA, Director, Office of Civil Rights, Room 326-W, Whitten Building, 14th and Independence Avenue, SW, Washington, D.C. 20250-9410 or call (202) 720-5964 (voice and TDD). USDA is an equal opportunity provider and employer.

**U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
SCIENCE AND TECHNOLOGY
PLANT VARIETY PROTECTION OFFICE
BELTSVILLE, MD 20705**

**EXHIBIT F
DECLARATION REGARDING DEPOSIT**

NAME OF OWNER (S) Pure Seed Testing, Inc.	ADDRESS (Street and No., or RD No., City, State, and ZIP Code and Country) PO Box 449 Hubbard, OR 97032	TEMPORARY OR EXPERIMENTAL DESIGNATION PST-4SU VARIETY NAME Seabreeze GT
NAME OF OWNER REPRESENTATIVE(S) Melodee Fraser, Ph.D. Crystal Rose-Fricker	ADDRESS (Street and No., or RD No., City, State, and ZIP Code and Country) PO Box 176, Rolesville, NC 27571 PO Box 449, Hubbard, OR 97032	<div style="background-color: black; width: 100%; height: 20px;"></div> PVP NUMBER #200600011

I do hereby declare that during the life of the certificate a viable sample of propagating material of the subject variety will be deposited, and replenished as needed periodically, in a public repository in the United States in accordance with the regulations established by the Plant Variety Protection Office.

Melodee L Fraser
 Signature

25 September 07
 Date